

CLAIMS:

WHAT IS CLAIMED IS:

1. A computer program, embodied on a computer readable medium within a mobile station MS, comprising:
 - a first set of computer instructions to display a plurality of identifiers each associated with a digital media file, wherein
 - a first identifier indicates that a first media file associated with the first identifier is stored within the MS, and
 - a second identifier indicates that a second media file associated with the second identifier is stored at a location other than within the MS.
2. The computer program of claim 1 wherein the identifier comprises a media file title and the first and second identifier are distinguished by at least one of: a different font of said title, a different color of said title, a different shade of said title, and a different icon displayed adjacent to the title.
3. The computer program of claim 1 further comprising:
 - a second set of computer instructions to establish a connection to a database and copy the second media file to the MS in response to a user input.
4. The computer program of claim 3 wherein the database comprises a server on a network, and the connection from the mobile station to the server is via a personal computer to which the mobile station is electronically coupled.
5. The computer program of claim 3 wherein
 - the second identifier indicates that a second media file associated with the second identifier is stored within a PC and is not stored within the MS, and
 - the first set of computer instructions further display a third identifier that indicates that a third media file associated with the third identifier is not stored within the MS or the

PC.

6. The computer program of claim 5 wherein
the second set of computer instructions initiates a local connection to the PC to
upload the second media file when the corresponding user input selects the second
identifier, and initiates a mobile telephony connection to a media service server to
download the third media file over a data communications network when user input selects
the third identifier.

7. The computer program of claim 1 further comprising:
a third set of computer instructions to display a playlist name associated with a
plurality of digital media identifiers, wherein
the playlist name is displayed in a first manner when all digital media files
associated with the digital media identifiers associated with the first playlist name are
stored within the MS;
the playlist name is displayed in a second manner when at least one but not
all digital media files associated with the digital media identifiers associated with the first
playlist name are stored within the MS; and
the playlist name is displayed in a third manner when no digital media files
associated with the digital media identifiers associated with the first playlist name are
stored within the MS.

8. The computer program of claim 7 wherein the third set of computer instructions
simultaneously displays at least two playlist names, each in one of the first, second, and
third manner, and does not simultaneously display a digital media identifier associated
with either of the at least two playlists.

9. The computer program of claim 8 further comprising:
a fourth set of computer instructions responsive to a user both selecting a playlist
that is displayed in the second or third manner, and requesting a new file be stored in the
MS, to initiate a connection to a database and copy music files from that database that are

associated with the digital media identifiers of the user selected playlist and not stored on the MS.

10. The computer program of claim 9 wherein the database is stored within a PC and the connection comprises a local connection to the PC.

11. The computer program of claim 9 wherein the database is stored within a media service server and the connection comprises a mobile telephony connection via the internet.

12. The computer program of claim 1 wherein the second identifier indicates that the second media file associated with the second identifier is stored within a PC that has previously been synchronized to the MS.

13. The computer program of claim 12 wherein the plurality of identifiers include a third identifier that indicates that a third media file associated with a third identifier is stored in both the MS and within a PC that has been coupled to the MS via a local link.

14. The computer program of claim 13 wherein the plurality of identifiers include a fourth identifier that indicates that a fourth media file associated with a fourth identifier is not stored in the MS or in a device separate from the MS and linked thereto via a local link, and is stored in a server linked to the MS via a mobile telephony link.

15. A computer program, embodied on a computer readable medium within a host device, comprising:

a first set of computer instructions to store, within a host device, a first media file and a first identifier associated with said first media file;

a second set of computer instructions to store, within a host device, a second identifier associated with a second media file that is not stored within the host device;

a third set of computer instructions to display both the first and second identifier regardless of whether the host device is coupled to a network.

16. The computer program of claim 15 further comprising:

a fourth set of computer instructions to enable a user to create and edit a playlist of media identifiers stored within the host device without regard to whether a media file associated with a particular music identifier is stored within the host device.

17. The computer program of claim 16 further comprising a fifth set of computer instructions to synchronize music files and playlists between the host device and a personal computer, wherein a media file deleted from the host device is not automatically deleted from a separate device selectively coupled to the host device via a local link.

18. The computer program of claim 15 wherein the second set of computer instructions is to upload, over a local connection from a separate device, and store a database of identifiers each associated with a media file that is stored in the separate device.

19. The computer program of claim 18 wherein the separate device is a PC.

20. The computer program of claim 15 wherein the second set of computer instructions is to download, over a mobile telephony connection and the internet from a media service server, and store a database of identifiers each associated with a media file that is stored at the server.

21. The computer program of claim 20 wherein the database of identifiers is a subset of all identifiers stored at said server, said subset defined by at least one user preference.

22. The computer program of claim 15 wherein the host device is a mobile station.

23. A mobile station comprising:

an internal storage media to store a first plurality of media files and a second

plurality of file names;

a processor coupled to the internal storage media to map each of the first plurality of media files to a file name; and

a display interface coupled to the processor to display a series of file names, such that each file name that is mapped to a media file of the first plurality is displayed with a first characteristic and each file name that is not mapped to a media file of the first plurality is displayed with other than the first characteristic.

24. The mobile station of claim 23, wherein said processor is further to map at least one file name, that is not mapped to one of the first plurality of media files, to a separate storage location apart from the mobile station; and

said display interface is further to display each file name that is mapped to the separate storage location with a second characteristic.

25. The mobile station of claim 24 further comprising:

means to link to the separate storage location over one of a wireless telephony link, a cable link, a wireless piconet link, a wireless LAN, and a wireless optical link, wherein said processor sends a request for an additional media file that is not within the first plurality, wherein the additional media file corresponds to a file name displayed with the second characteristic and is selected by a user.

26. The mobile station of claim 25 wherein said file name selected by a user is stored in the internal storage media, and the processor sends the request for the additional media file upon a user command input.

27. The mobile station of claim 25 wherein, in response to a user command input, the processor sends the request upon a next subsequent establishment of a communication link when a communication link is not established upon the user command input.

28. The mobile station of claim 27 wherein the next subsequent establishment of the link is established automatically when the mobile station determines a prospective link

meets a minimum data exchange rate.

29. The mobile station of claim 25 wherein the mobile station further comprises means to link over at least two of said links, and the processor selects one of said links to establish based on a comparison of data throughput over the links.

30. The mobile station of claim 24 wherein said display interface is further to display, for each file name that is not mapped to either of the internal storage media or the separate storage location, with a third characteristic.

31. The mobile station of claim 24 wherein the first and second characteristics differ in at least one of font, color, shade, background, and icon displayed adjacent to the file name.

32. The mobile station of claim 23 further comprising a receiver to receive one of an additional file name over a wireless link, said processor further to update said mapping to reflect the additional file name and said display interface to display said additional file name with one of the first characteristic and the other than the first characteristic, consistent with the processor mapping.

33. The mobile station of claim 32 wherein said additional file name is within a playlist of additional file names received over the wireless link, said processor to update for each file name within the playlist and said display interface to display each file name within the playlist with one of the first characteristic and the other than the first characteristic, consistent with the processor mapping.

34. The mobile station of claim 23 wherein said internal storage media is further to store a playlist name associated with a third plurality of file names, and said display interface is further to display said playlist name with:

a third characteristic when each file name of the third plurality is mapped by the processor to a media file of the first plurality;

a fourth characteristic when some but not all of the file names of the third plurality

are mapped by the processor to a media file of the first plurality; and
a fifth characteristic when none of the file names of the third plurality are mapped by the processor to a media file of the first plurality;
wherein the first and third characteristics may be identical, and one of the fourth and fifth characteristic may be identical to the second characteristic.

35. The mobile station of claim 34 wherein said display interface displays said playlist name with the fourth characteristic when some but not all of the file names of the third plurality are mapped by the processor to a media file of the first plurality and some but not all of the file names of the third plurality are mapped by the processor to a storage location separate from the mobile station.

36. The mobile station of claim 35 further comprising
means to link to the separate storage location over one of a wireless telephony link, a cable link, a wireless piconet link, a wireless LAN, and a wireless optical link,
wherein said processor sends, in response to a command input and a user selection of the playlist name, a request for each media file for which the processor mapped the file name of the third plurality to the separate storage location.